

KESIK, Maria; MAZUR, Mieczyslaw; PAWCZYNSKI, Cezary

Effect of geriocaine, novocaine, paraaminobenzoic acid and diethylamino-ethanol on the growth and respiration of Escherichia coli. Roczn. pom. akad. med. Swierczewski. 8:153-160 '62.

1. Z Zakladu Farmakologii Pomorskiej Akademii Medycznej Kierownik:
doc. dr M. Mazur i z Zakladu Mikrobiologii Pomorskiej Akademii Medycznej
Kierownik: prof. dr W. Murczynska.

(PARAAMINOBENZOIC ACID) (AMINO ALCOHOLS)
(PROCAINE) (ESCHERICHIA COLI)

GARNUSZEWSKI, Zbigniew; MAZUR, Mieczyslaw

Effect of streptomycin, para-aminosalicylic acid and isonicotinic acid hydrazide on the absorption of glucose by the isolated small intestine of the rat. Gruzlica 31 no.6:635-637
Je'63.

1. Klinika Ftizjatryczna i Zaklad Farmakologii AM, Szczecin.

*

MAZUR, M.A.; CHERNIN, S.B.

Training of physician psychiatrists on a local basis in Kemerovo Province. Zhur. nev. i psikh. 62 no.2:316-317 '62. (MIRA 15:6)

1. Kemerovskaya oblastnaya psikhonevrologicheskaya bol'nitsa
(glavnyy vrach M.A. Mazur).
(KEMEROVO PROVINCE---PSYCHIATRISTS)

MAZUR, M.A.; FOMINA, N.S.

New form of treatment outside the hospital for psychiatric patients
(hospital at home). Zhur. nevr. i psikh. 62 no.4:636-637 '62.

(MIRA 15:5)

1. Kemerovskaya oblastnaya psikhonevrologicheskaya bol'nitsa (glavnyy
vrach M.A.Mazur).

(MENTALLY ILL--CARE AND TREATMENT)

MAZUR, M.M.

Analysis of activities of regional municipal hospitals. Sovet.
zdravookhr. no.4:43-47 July-Aug. 1950. (CML 20:1)

1. Of the Department of Sanitation Statistics (Head — P. A. Kuvshinnikov, Active Member of the Academy of Medical Sciences USSR), Institute for Public Health Organization and History of Medicine imeni N. A. Semashko (Director — N. A. Vinogradov), of the Academy of Medical Sciences USSR.

MAZUR, M. M.

Medicine, Industrial

Investigation of illness of industrial workers. Sov.zdrav., 11, No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified

KUVSHINNIKOV, P.A., Prof.; MAZUR, M.M., Docent

Dispensaries

Danger of repetition of mistakes. Sov. zdrav. 11 no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 1952 ~~APPB~~, Uncl.

MAZUR, M.M.

New aspects in the study of morbidity. Sov.med. 17 no.8:41-43 Ag '53.
(ML 6:8)

1. Institut organizatsii zdravookhraneniya i istorii meditsiny imeni N.A.
Semashko Akademii meditsinskikh nauk SSSR. (Medical statistics)

MAZUR, M. M.

AID P - 2893

Subject : USSR/Medicine

Card 1/1 Pub. 37 - 10/20

Author : Mazur, M. M.

Title : About an attempt to stop studies of the general sick rate

Periodical : Gig. i san., 9, 42-47, S 1955

Abstract : Discusses the article by Prof. A. M. Merkov in this journal, 1955, no. 3, p. 31-36, and contests his arguments.

Institution : None

Submitted : Ap 26, 1955

SHULYVICH, Boleslav Yakovlevich; ASHURKOV, Ye.D., redaktor; VINOGRADOV, N.A., redaktor; MAZUR, M.M., redaktor; SENCHILO, K.K., tekhnicheskii redaktor

[The state of health of the population and methods of studying it; a lecture] Sostoianie zdorov'ia naseleniia i metody ego izucheniia; lektsiia. Pod obshchei red. E.D.Ashurkova i N.A.Vinogradova. Moskva, Gos. izd-vo med. lit-ry, 1956. 44 p. (MLRA 9:7)
(HEALTH SURVEYS)

^ MAZUR, M. M.

BRUSHLINSKAYA, L.A.; MAZUR, M.M.

Work practice of medical institutions in registering and studying morbidity. Zdrav.Ros.Feder. 1 no.2:27-31 P '57. (MIRA 10:7)

1. Nauchno-metodicheskoye byuro sanitarnoy statistiki Ministerstva zdavookhraneniya RSFSR.
(DISEASES--REGISTRATION)

MAZUR, M.M.; BRUSHLINSKAYA, L.A.

Necessary explanation; letter to the editor. Sov.zdrav. 16 no.6:
62-64 Je '57. (MLRA 10:8)
(PUBLIC HEALTH)

MAZUR, M.M.

MAZUR, M.M.

Conditions of three health resorts and problems in their development.
Vop.kur., fizioter. i lech.fiz.kul't. 22 no.3:68-70 My-Je '57.

(MIRA 11:1)

1. Iz otdela organizatsii kurortov i kurortnykh uchrezhdeniy (zav.
L.G.Gol'dfayl') Tsentral'nogo instituta kurortologii (dir. -
kandidat meditsinskikh nauk G.N.Pospelova)
(HEALTH RESORTS, WATERING PLACES, ETC.)

BRUHLINSKAYA, L.A.; KASSATSIYER, M.Ya.; MAZUR, M.M.; KONSTANTINOV,
G.F., red.; BRODSKIY, M.S., red.; GABERLAND, M.I., tekhn. red.

[Statistics in a city hospital; a manual on records and analysis]
Statistika v gorodskoi bol'nitse; posobie po uchetu i analizu
raboty. Moskva, Gos. izd-vo med. lit-ry, 1958. 102 p. (MIRA 11:12)

1. Nachal'nik otdela meditsinskoy statistiki Ministerstva
zdravookhraneniya SSSR (for Konstantinov).
(HOSPITALS--ACCOUNTING)

BRUSHLINSKAYA, L.A., MAZUR, H.N.

Use of the all-Union census for the study of morbidity. Sov.zdrav.
17 no.9:29-34 S'58 (MIRA 11:8)

(VITAL STATISTICS,

morbidity based on population census (Rus))

MAZUR, M.M., dotsent

"Public health statistics in the U.S.S.R. for forty years, 1917-1957" by A.M. Merkov. Reviewed by M.M. Mazur. Gig. 1 san. 23 no.11: 90-91 N '58 (MIRA 12:8)
(VITAL STATISTICS)(MERKOV, A.M.)

HAZUR, N. M.

"Problems of the thorough study of morbidity."

Report submitted at the 13th All-Union Congress of Hygienists,
Epidemiologists and Infectionists. 1959

MAZUR, N.M.

Requirements of the population of the R.S.F.S.R. for care in sanatoria and health resorts. Zdrav.Ros.Feder. 3 no.2:3-9 P '59.

(MIRA 12:2)

1. Iz otdela organizatsii kurortov (zav. L.G. Gol'dfayl') Tsentral'-nogo instituta kurortologii i fizioterapii (dir. G.N. Pospelova).
(SANATORIUMS)

MAZUR, M.M., kand.med.nauk

Method of studying morbidity in children. Vop.okh.mat.1 det. 4
no.6:74-76 N-D '59. (MIRA 13:4)

1. Iz Nauchno-metodicheskogo byuro sanitarnoy statistiki Minister-
stva zdравookhraneniya RSFSR.
(CHILDREN--DISEASES)

BRUSHLINSKAYA, L.A.; MAZUR, M.M.

Physicians in the R.S.F.S.R. 'Zdrav. Ros. Feder. 4 no.6:6-10 Je '60.
(MIRA 13:9)

1. Iz Nauchno-metodicheskogo byuro sanitarnoy statistiki Ministerstva
zdravookhraneniya RSFSR.
(PHYSICIANS, RUSSIAN—STATISTICS)

MAZUR, M.M., dots. (Moskva)

Ward nurse in a sanatorium. Med. sestra 19 no.5:38 My '60.

(MIRA 13:9)

(NURSES AND NURSING)

BRUSHLINSKAYA, L.A.; MAZUR, M.M., dotsent; RODOV, Ya.I., dotsent;
KAGAN, S.S., prof.

"Critique of bourgeois theory and policy on population" by
B.IA. Smulevich. Reviewed by L.A. Brushlinskaia and others.
Sov. zdrav. 39 no.7:83-85 '60. (MIRA 13:8)
(PCPULATION) (SMULEVICH, B.IA.)

MAZUR, M.M., dotsent (Moskva)

Sources for morbidity studies. Sov.zdrav. 19 no.10:43-50 '60.
(MIRA 14:1)

(MEDICAL STATISTICS)

MAZUR, M.M.

Some problems of sanatorium and health resort care of patients with diseases of the cardiovascular system. Vop. kur., fizioter. i lech. fiz. kul't 25 no.4:289-295 J1-Ag '60. (MIRA 13:9)

1. Iz organizatsionno-metodicheskogo otdela (zav. L.G. Gol'dfayl')
Instituta kurortologii i fizioterapii v Moskva (dir. G.N. Pospelova).
(CARDIOVASCULAR SYSTEM--DISEASES) (SANATORIUMS)

MAZUR, M.M., dotsent

On the use of a selective method in morbidity studies. Gig.i san.
25 no.8:33-88 Ag '60. (MIRA 13:11)

1. Iz Nauchno-metodicheskogo byuro sanitarnoy statistiki Ministerstva
zdravookhraneniya RSFSR.
(MORBIDITY)

MAZUR, M.M., dotsent (Moskva)

New data on the occurrence of rheumatic fever. Klin.med. no.1:73-
77 '62. (MIRA 15:1)

(RHEUMATIC FEVER)

MAZUR, M.M., dotsent (Moskva)

Use of information on the disease incidence among the population
in practical polyclinic work. Zdrav.Ros.Feder. 6 no.12:36-39
D '62. (MIRA 16:1)

(DISEASES--REPORTING)

MAZUR, M.M.

Study of the results of sanatorium and health-resort treatment.
Vop.kur., fizioter. i lech.fiz.kul't. 27 no.3:233-238 My-Je '62.

(MIRA 15:9)

1. Iz organizatsionno-metodicheskogo otdela (zav. - kand.med.
nauk L.G.Gol'dfayl') Tsentral'nogo instituta kurortologii i
fizioterapii (dir. G.N.Pospelova).

(HEALTH RESORTS, WATERING-PLACES, ETC.)

1. MAZUR, M. P., Eng.
2. USSR 600
4. Plastering
7. Organization and mechanisation of plastering work in housing construction,
Gor. khoz. Mosk, No. 6, 1949.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

MAFUP, M. P.

23134 sovremennaya tekhnologiya Zhilishchnogo stroitel'stva. Stroitel'.
Prom-St', 1949, No. 7, C. 4-7.

SO: LETOPIS' NO. 31, 1949

MAZUR, M. P.

30267

Potoshno-raschlyenyenny Myetod shtukaturnykh rabot. Opyt stakhanovt'sa
I. YE Kut'yenkova, Vogl: n. 1 P. Mazur. Myekhanizatsiya trudoyemkikh i
tyazhyelykh Rabot, 1949, No. 9, s. 36-39

SO: LETOPIS' NO. 34

PEVZNER, V. S. and MAZUR, M. P.

"The achievements in the construction engineering to be applied to the mass construction," *The Municipal Economy of Moscow*, 1951.

PEVZNER, B.S., inzhener; MAZUR, M.P., inzhener.

Introduce achievements of building technology in the mass construction.
Gor.khoz.Mosk.25 no.8:23-27 Ag '51. (MIRA 10:1)
(Moscow--Construction industry--Exhibitions)

MAZUR, M. P., PEVZNER, V. S.

Apartment Houses

Mass production methods in building multiple-story dwellings. Stroi. prom. no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED.

MAZUR, M. P., Eng.; PEVZNER, V. S., Eng.

Moscow - Construction Industry

Accomplishments of the Moscow building industry in day-to-day construction experience.
Gor. khoz. Mosk. 26, no. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

- [illegible]

MAZHUR, M.P., inzhener.

Industrial rapid production line methods applied to the construction
of multistoried buildings. Gor.khoz.Mosk.28 no.2:3-10 F '54. (MLRA 7:5)
(Building) (Assembly-line methods)

MAZUR, M.P., inzhener.

MAZUR, M.P., inzhener.

Problems of organization and mechanization of building construction
at the Second Moscow Scientific Technical Consultation on Residential
Building Construction, Building Materials and Project Planning. Stroi.
prom. 32 no.9:42-45 S '54. (MIRA 7:11)
(Construction industry)

Mazur, M. P.

KANTORER, S. Ye., kandidat tekhnicheskikh nauk; MAZUR, M. P., inzhener;
BUDNIVICH, L. I., dotsent, reaktor; BNOAK, B. A., reaktor;
PERSON, M. H., tekhnicheskiiy redaktor

[Organizing and mechanizing the building of dwellings] Organi-
zatsiia i mekhanizatsiia stroitel'stva zhilykh zdanii. Moskva,
Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1955. 498p.
(Building) (MIRA 9:3)

MAZUR, N.P., inzhener

Some problems of economy in housing construction. Gor. khoz.
Mosk. 29 no.7:11-15 J1 '55. (MLRA 8:9)
(Construction industry--Costs)

MAZUR, M.P., inzh.

Modern technology of housing construction. Stroi.prom. 27
no.7:4-7 J1 '49. (MIRA 13:2)
(Apartment houses) (Precast concrete construction)

MAZUR, M.V.

GUBENKO, A.B., doktor tekhnicheskikh nauk, laureat Stalinskoy premii;
MIL'KEVICH, O.L., inzhener; BABAKIN, N.V., inzhener; MAZUR, M.V.,
inzhener

Mechanical screw press for gluing wooden construction elements.
Rats. i izobr. predl. v stroi. no.101:19-22 '55. (MLRA 8:10)

1. Tsentral'nyy Nauchno-issledovatel'skiy institut promyshlenn-
nykh sooruzheniy (for Gubenko and Mil'kevich). 2. Industroypro-
yekt (for Babakin and Mazura)
(Gluing) (Carpentry)

MAZUR, M.V.

VOLKOV, Aleksandr Pavlovich; CHERTKOV, Vasil'yevich;
MAZUR, M.V., inzhener, redaktor; FEDOROVA, T.N., redaktor;
GLADKIN, N.N., tekhnicheskii redaktor

[Multilayer gluing of wooden construction elements; the practices
of the Kostopol Housing Combine] Mnogosloinaya skleika
dereviannykh stroitel'nykh detalei; iz opyta Kostopol'skogo
deomostroitel'nogo kombinata. Pod red. M.V. Mazura. Moskva,
Gos. izd-vo lit-ry po stroit. materialam, 1956. 109 p.

(MLRA 10:5)

(Building, Wooden) (Gluing)

MAZUR, N.A.; VALIGINA, T.S.; TRUBITSKOV, A.V.

Vasculidative effect of fibrinolysin. Kardiologiya 5 no.1:
58-61 Ja-F '65. (MIRA 18-9)

1. Institut terapii (direktor i deystvitel'nyy chlen AMN
SSSR prof. A.L. Myasnikov) AMN (SSR, Moskva.

TILICHENKO, A.G., kand. tekhn. nauk (Khabarovsk); POGREBNOY, A.K., inzh.
(Khabarovsk); MAZUR, N.N., inzh. (Khabarovsk)

Use of electronic computers for the calculation of technical
norms in operational work. Zhel. dor. transp. 46 no.1:78
Ja '64. (MIRA 17:8)

1. Nachal'nik sluzhby dvizheniya Dal'nevostochnoy dorogi
(for Pogrebnoy).

MAZUR, O.E., inzh.; YASINSKIY, S.I. [IAsyns'kyi, S.I.], mekhanik;
DZYAKAN, I.P., brigadir traktornoy brigady; DONDRATYUK, D.G.
[Kondratiuk, D.H.], mekhanik; STASYUK, G.V. [Stasiuk, H.V.],
mekhanik; KAPITANOY, P.S.

Our discussions. Mekh. sil'. hosp. 12 no.9:22-23 8 '61.
(MIRA 14:11)
(Agricultural machinery—Maintenance and repair)

MAZUR, O.P.; SHEMAKHANOVA, N.M.

Effect of forest soil on the development of annual seedlings of walnut.
Izv. AN SSSR.Ser.biol. no.3:428-431 My-Je '65. (MIRA 18:5)

1. Botanicheskiy institut AN TadzhSSR i Institut mikrobiologii AN
SSSR.

5c

L 24409-66 EWT(1)/EMA(h)/ETC(m)-6 WH

ACC NR: AP6006369

SOURCE CODE: UR/0413/66/000/002/0100/0100

AUTHORS: Chernoval, V. S.; Shcherba, N. U.; Frelin, N. V.; Dashevskiy, L. N.;
Kolyada, I. A.; Gudrit, Ye. R.; Fediv, V. A.; Ivanovskiy, E. N.; Mazur, P. A.;
Yaskevich, L. Ye. 53 13

ORG: none

TITLE: Streamline flow meter. Class 42, No, 178125 [announced by Gas Institute,
AN UkrSSR (Institut gaza AN UkrSSR)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 100

TOPIC TAGS: flow meter, streamline flow

ABSTRACT: This Author Certificate presents a streamline flow meter containing a sensing element in the form of a pivoted vane and jet rectifiers mounted in front of and behind the vane (see Fig. 1). To decrease vibrations, the pivoted vane has a bend in the side opposite the flow direction. A plate whose center of gravity is displaced toward the free end of the vane is hinged to the vane. There is also a bypass tube connecting the front and back of the vane. 2

UDC: 532.574.27

Card 1/2

L 24409-66
ACC NR: AP6006369

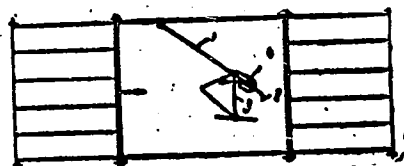


Fig. 1. 1 - pivoted vane;
2 - bend of vane; 3 - plate;
4 - bypass tube.

Orig. art. has: 1 diagram.

SUB CODE: 14/

SUBM DATE: 12Feb65

Card 2/2 *da*

MAZUR, Pavel, inz.

New series of hermetic sets and condensation units. Prum
potravin 15 no.1:40-42 Ja'64.

1. Zavody Vitezneho unora, n.p., Vyzkumny ustav stroju
chladicich a potravinarskych, Praha.

CATEGORY : Cultivated Plants. Potatoes. Vegetables.
 Cucurbits.
 REF. JOUR : Ref. Zh. Sel'sk. Khoz-ya, No. 5, 1958, No. 20124
 AUTHOR : Mazur, P.D.
 INST. : _____
 TITLE : Several Problems Related to the Development
 and Arrangement of Potato Production in the
 Vegetable-Cucurbits Crops of Moldavian SSR.
 ORIG. PUB. : V. sb.: Nekotoryye vopr. ekon. s.kh. Tyr. 1.
 Kishinev, 1958, 65-86
 ABSTRACT : No abstract

1/1

Q 52563-65

ACCESSION NR: AP5019204

UR/0344/65/000/007/0009/0010
664.530.93

AUTHOR: Mazur, P. Ya. AA

TITLE: Thermophysical properties of bread with different moisture contents

SOURCE: Khlebopekarnaya i konditerskaya promyshlennost', no. 7, 1965, 9-10

TOPIC TAGS: food, food preservation, thermoprocess, moisture content, moisture determination, moisture measurement AA

ABSTRACT: Experiments on the variation of the thermophysical properties of different bread types (with respect to moisture content) were performed to determine the heat conductivity (α), heat transfer (λ) and specific thermal capacity (C) for the

and (λ) was respectively 1 and 5%. The relation α and γ to moisture content was

Card 1/2

L 62568-55

ACCESSION NR: AP5019204

plotted in smooth curves with one maximum, which indicated the change of capillary moisture into absorbtional. These coefficients increased gradually with the decrease in moisture up to the maxima points located at 26.5, 25.0, and 23.0% of moisture content for the grades III, II and I correspondingly. There was a

decrease in moisture up to the maxima points located at 20.7, 27.0, and 33.7% moisture content for the rye and the grades II and I correspondingly. There was a sudden drop beyond these points. At the same moisture content, rye bread had the highest values of the coefficients, with flour grades II and I following in decreasing order. Thermal capacity (C) was calculated according to formula $C = 2/a\gamma$, allowing for the variation of volumetric weight (γ) with respect to moisture content. Orig. art. has: 1 figure.

ASSOCIATION: Voronezhskiy tekhnologicheskii institut (Voronezh Technological Institute)

SUBMITTED: 03

ENCL: 00

SUB CODE: LS

NO REF SOV: 004

OTHER: 000

Card 2/2

MAZUR, Roman

Transillumination as a diagnostic method in some diseases of the nervous system in early childhood. *Pediat. pol.* 38 no.2: 175-180 '63.

1. Z Kliniki Neurologicznej AM w Gdansk Kierownik: prof. dr med. Z. Majewska.

(TRANSILLUMINATION) (HYDROCEPHALUS)

BOGDANOWICZ, Irena; MAZUR, Roman

Television epilepsy. Pol. tyg. lek. 19 no.30:1163-1166 27 J1'64

1. Z Wojewodzkiego Szpitala MSW w Gdansk (dyrektor: lek. plk. Eugeniusz Bordzilowski) z Kliniki Chorob Nerwowych AMG (kierownik: prof. dr. med. Zofia Majewska) i z Przychodni Obwodowej w Gdansk (kierownik: doc. dr. med. W. Taubenfliegel).

MAZUR, Elzbieta; MAZUR, Roman

Cranial transillumination in older and newborn infants born at term. *Pediat. Pol.* 39 no.4:417-420 Ap '64.

1. Z Kliniki Neurologicznej Akademii Medycznej w Gdansk (Kierownik: prof. dr. med. Z. Majewska) i z I Kliniki Chorob Dzieci Akademii Medycznej w Gdansk (Kierownik: prof. dr. med. K. Ercinski).

MAZUR, S.

(HORYZONTY TECHNIKI, Vol. 6, No. 10, Oct. 1953. Warszawa, Poland)

"The way of a rationalizer." p. 444

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

MAZOR, S.

Vukobratović, Vladeta. Sur la construction des méthodes de
imitation, qui sont équivalentes et pas consistantes.

FW

MAZUR, S. ; Orlicz, W.

On some classes of linear spaces. In English. p. 97.

STUDIA MATHEMATICA.. (Polska Akademia Nauk) Warszawa, Poland. Vol. 17, no. 1,
1958.

Monthly List of East European Accessions (EEAI)^{LC} Vol. 9, no. 1, Jan. 1960.

Uncl.

MAZUR, S. (Warszawa)

Address delivered at Stefan Banach's commemorative ceremony. Rocz
wiad matem 4 no.3:249-250 '61.

(Mathematicians, Polish)

MAZUR, S.

Computable analysis. Rozprawy matemat 33 1-110 '63.

MAZUR, Stanislaw

Developmental fetal defects and premature separation of the
placenta during labor. Gin.polska 31 no.2:195-201 Mr-Apr '60.

1. Z II Kliniki Poloznictwa i Chorob Kobietych A.M. w Lublinie.
Kierownik: doc.dr med. J. Tynecki.
(ABNORMALITIES)
(PLACENTA)

MAZUR, Stanislaw, mgr

Tightening of earth dams. Gosp wodna 24 no.11:426-430
N '64.

1. Hydrological Enterprise, Krakow.

MAZUR, S.

"Application of bituminous resin for aeration of concrete." p.317.
(MATERIALY BUDOWLANE. VOL. 9, No. 12, Dec. 1954. Warszawa, Poland)

SO: Monthly List of East European Accessions. (EWAL). LC. Vol. 4, No. 4.
April 1955. Uncl.

111420 N 1 37
Poland/Chemical Technology -- Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1736

Author: Mazur, S., and Karabon, B.

Institution: None

Title: Adhesion of Asphaltic Films to Coated Concretes

Original

Periodical: Mater. budowl., 1955, Vol 10, No 2, 44-46; Polish

Abstract: A number of experiments have been undertaken for the purpose of improving the adhesion of asphaltic films to moist concrete by coating (priming) the surface of the concrete with saponified pitch or a solution of tar in benzene. The pitch is a component of the bitumen obtained from Polish brown coals. The bitumen obtained from Polish brown coal contains 30-65% pitch. The pitch is obtained as a waste during the purification of mineral wax. The investigation was carried out on samples cast in the form of a figure 8 from 1:3 cement. Sheet iron partitions were placed at the narrowest part of the mold during the

Card 1/2

Poland/Chemical Technology -- Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1736

Abstract: casting of the samples, thus permitting the simultaneous production of 2 half-figure 8. The 2 halves were then glued together with construction-grade asphalt. The experiments showed that coating with saponified pitch and a benzene pitch solution considerably improves the adhesion of construction-grade asphalt to moist concrete.

Card 2/2

MAZUR, S.; KARABON, B.

Corrosive action of sulfate compounds on aerated concrete, p. 76. (MATERIALY BUDOWLANE, Warszawa, Vol. 10, no. 3, Mar. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6 Jan. 1955,
Uncl.

MAZUR, S.

Poland/Chemical Technology -- Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1673

Author: Mazur, S.

Institution: None

Title: The Utilization of Fly Ash as a Gypsum Additive

Original
Periodical: Mater. budowl., 1956, Vol 11, No 6, 172-177

Abstract: The utilization of fly ash from the burning of powdered coal in steam heat electric power stations as a filler in the production of high-strength gypsum permits the control of strength of the material by varying the amount of ash added. The set of the plaster is slightly reduced, heat conductivity is reduced, and the water absorption is increased.

Card 1/1

POLAND/Chemical Technology - Chemical Products and Their
Applications - Ceramics, Glass, Bonding
Materials, Cements.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37076

Author : Mazur, S.

Inst :

Title : Ash-Cement

Orig Pub : Mater Budowl, 1957, 12, No 10, 300-309

Abstract : Given are characteristics of ash cement and different varieties of five ashes used in its manufacturing. The experimental study results of ash cement specimens of different compositions are described, with the consumption of Portland and Slag-Portland cement of grade 250 from 30 to 340 kg/m³. Compression strength increases with the increase in cement consumption in normally and steam hardened specimens. Bending stress is 1/5 - 1/7 of the compression stress, depending on the cement

Card 1/2

MAZUR, Stanislaw, dr inz.

Carrying capacity of reinforced ash-concrete beams. Inz 1 bud 19
no.1:Suppl.: Maly por konstr 3 no.1:29-34 Ja '62.

1. Politechnika, Wroclaw.

MAZUR, S. (Warsaw)

Conference on functional analysis; September 4-10, 1960, Warsaw.
Studia math Ser spec no.1:1-6 '63.

ACC NR: AP6026306

(A,N)

SOURCE CODE: UR/0288/66/000/001/0112/0121

AUTHOR: Molchanov, A. A.; Mazur, S. M.

ORG: Institute of Mathematics with Data-processing Center, Siberian Department,
AN SSSR, Novosibirsk (Institut matematiki s vychislitel'nyy tsentrom, Sibirskogo
otdeleniya AN SSSR).

TITLE: Steady mode of operation of a spectrotron with controllable capacitance of the
pn junction

SOURCE: AN SSSR. Sibirskoye otdeleniya. Izvestiya. Seriya tekhnicheskikh nauk, no. 1,
1966, 112-121

TOPIC TAGS: spectrotron, third order differential equation, nonlinear differential
equation, pn junction, circuit parameter

ABSTRACT: An analysis is given of the steady mode of operation of a spectrotron, in
the form of a nonlinear series-parallel circuit with controllable p-n junction capaci-
tance and internal voltage feedback. The circuit represents a nonautonomous system
described by a third-order nonlinear differential equation. It is assumed that the
circuit parameters are selected such that parametric resonance cannot occur and only
principal resonance takes place. A somewhat idealized circuit is introduced in order
to offset the mathematical difficulties associated with the third-order nonlinear
equation. It is shown that the voltage resonance in the equivalent series-connected

UDC: 681.142.67:621.374.3

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ACC NR: AP6026306

circuit leads to a transformation of the voltage in the parallel LC circuit. A transformation coefficient, introduced in the analysis, is shown to characterize the voltage amplification only in the absence of parametric excitation; in the presence of parametric excitation, the nature of the amplification becomes more complex. It is also shown that the assumption of a high Q-factor of the circuit makes it possible to study each individual spike of the resonance characteristic and greatly facilitates the analytical determination of the stability region of the equilibrium states and their coordinates. Orig. art. has: 16 formulas, 2 tables, and 6 figures.

SUB CODE: 09,12/ SUBM DATE: 14Oct64/ ORIG REF: 004

Card 2/2

L 34827-65 EWT(1)/EPF(n)-2/EPR Pz-6/Ps-4/Pu-4 WN/AT
ACCESSION NR: AP5007456 S/0286/65/000/004/0076/0076

AUTHOR: Mazur, S. P.

TITLE: Device for multipoint measurement of temperature. Class 42, No. 168497

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 76

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 4, 1965, 70

TOPIC TAGS: temperature measurement, thermocouple, potentiometer

ABSTRACT: This Author Certificate presents a device for multipoint measurement of temperature using thermocouples connected into a potentiometer circuit with a switch. To decrease the number of compensation leads, the thermocouple switching to the potentiometer is accomplished through a connector box according to the circuit: thermocouple - connector box - potentiometer switch - switch slip rings - connector box - potentiometer terminal (see Fig. 1 on the Enclosure). The compensation lead is placed only at the first and last section. Orig. art. has: 1 diagram.

ASSOCIATION: none

SUBMITTED: 04Dec63

ENCL: 01

SUB CODE: TD, EC

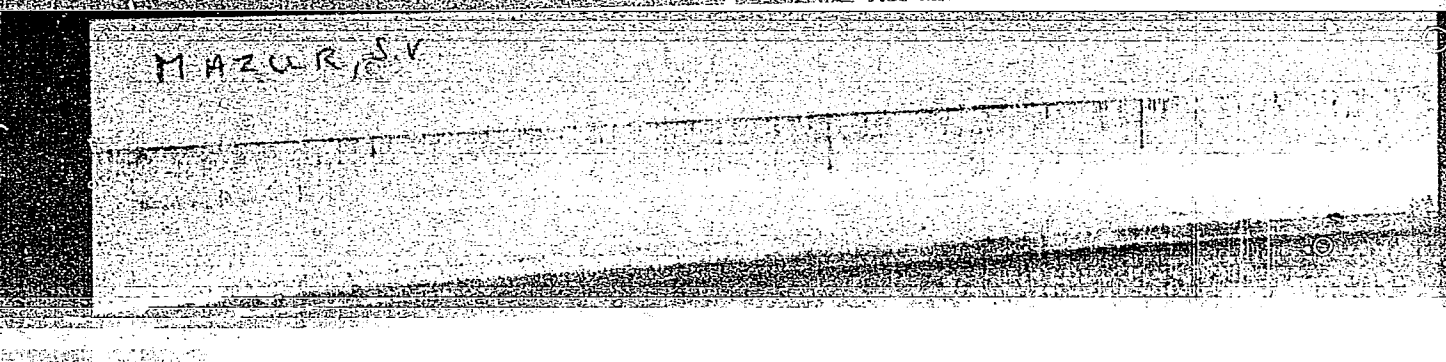
NO REF SOV: 000

OTHER: 000

Card 1/2

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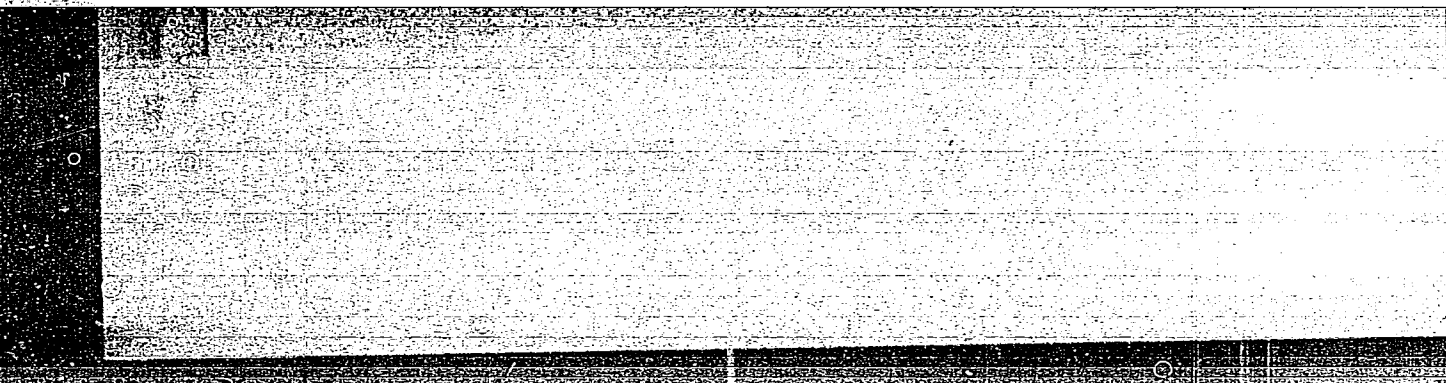


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MAZUR, S.V.
BERKOVICH, I.P.; MAZUR, S.V.

Increasing the water resistance of nitrocellulose etrol. Khim. nrom.
no.4:210-213 Je '57. IMLRA 10:9)

(Cellulose esters)

36127

S/191/62/000/004/010/017
B110/B138

15. 8350
AUTHORS:

Shcherbakov, V. M., Mazur, S. V., Ginzburg, L. N.

TITLE:

Strength properties of glass plastics. Strength and elasticity of glass plastics under static and impulsive loads

PERIODICAL: Plasticheskiye massy, no. 4, 1962, 33-43

TEXT: The results of tensile, and static and impact bending tests are given, together with analytical methods of determining ultimate tensile stress and the modulus of elasticity. Epoxy phenol resin shows least shrinkage on hardening, good adhesion on glass cloth, no hair line cracks, and low internal stresses. Good tensile strength was found in plastics with satin or twisted glass cloth T_1 (T_1). This is because the filler is better impregnated and the bond between the layers of glass cloth is strengthened. Tensile rupture of glass plastics takes place in three stages: (1) the bond between resin and glass filler is destroyed, and spalling begins at the resin-glass interface, (2) the resin starts peeling off, and the filler takes over the whole load, (3) the glass cloth is

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S/191/62/000/004/010/017
B110/B130

Strength properties of glass...

ruptured. $\sigma F = \sigma_g F_g + \sigma_r F_r$ holds, where σ = stress in the glass plastic, σ_g = stress in the glass filler, σ_r = stress in the resin, F = total cross section area, F_g = area of glass filler cross section, F_r = area of resin cross section. The ultimate tensile strength (UTS) is

$$\sigma = \sigma_{cm} + \gamma_{cm} \frac{0,5(\beta \sigma_{ct} - \sigma_{cm}) - \sigma_{cm}}{\gamma_{cm} + \gamma_{ct} - R} \quad (5)$$

where σ = UTS of glass plastic, σ_{cm} = UTS of resin, σ_{ct} = UTS of elementary glass fiber, R = resin content by weight, β = strength utilisation factor of elementary glass fiber, γ_{cm} = specific gravity of hardened resin, γ_{ct} = specific gravity of glass fiber ($\sim 2.5-2.6$). For glass plastics reinforced with unidirectional fiber:

$$\sigma = \frac{\gamma_{cm}(\beta \sigma_{ct} - \sigma_{cm})}{\gamma_{cm} + \gamma_{ct} - R} + \sigma_{cm} \quad (6)$$

Card 2/5

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B110/B138

Strength properties of glass...

Equations (5) and (6) are however, only approximate, as a lot of factors influencing strength are not taken into account. In glass plastics with satin woven glass cloth, the different layers are well interlinked, load is distributed between resin and filler, and the damaging glass-glass contact is avoided. Production under pressure gives 10-35 % higher bending strength in phenol and polyester resins than does vacuum molding, and 40-55 % in epoxy phenol plastics. Resin content has a decisive influence on bending strength of glass plastics: at 14.6 % UTS in bending was 162 kg/cm², and at 28.8 %, 1645 kg/cm². In static bending tests of epoxy phenol glass plastics, no fracture occurred at the interface at 150-200 kg/cm². The UTS in bending is

$$\sigma = 1/I \sum_{i=1}^n \sigma_i I_i,$$

where σ_i denotes the stress in the components of the glass plastic and I_i are the moments of inertia of their cross sections. Although the UTS of the best glass plastics is almost as high as that of steel, the modulus of elasticity is only 1/10.

Card 3/5

S/191/62/000/004/010/017
B110/B138

Strength properties of glass...

$$E = 1/F \sum_{i=1}^n E_i F_i$$

defines the modulus of elasticity, F denotes cross sectional area of the test piece, F_i the cross sectional area of the individual components, E_i their moduli of elasticity. The modulus of elasticity and impact strength in bending (pendulum velocity = 3.5 m/sec) increase with the thickness of the glass cloth. Good values were obtained with braided small-cell cloth and with satin weave. The deformation of glass plastics obeys Hook's law right up to rupture. Quantitative estimates of strength and deformation were made to assess suitability for engineering purposes. Approximate values for the maximum dynamic deflection f_d and impact toughness in bending strength σ_d are found from the amount of work dissipated in destruction. $f_d = f_{st} + \sqrt{f_{st}^2 + 2hf_{st}}$, where $f_{st} = Pl^3/48EI$ = static deflection under load P and $\sigma_d = 3\sqrt{2AE/b\delta l}$, where E is the modulus of elasticity, A is the work of destruction, δ is sample thickness, b is

Card 4/5

Strength properties of glass...

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sample width, and l is the span width. There are 5 figures and 7 tables.
The most important English-language reference reads as follows:
F. N. McGarry, Plast. Techn., No. 2, 46 (1959).

Card 5/5

X

S/191/62/000/010/007/010
B101/B186

15.8510

AUTHORS:

Shcherbakov, V. M., Mazur, S. V., Solomon, Kh. V., Gel'perina, V. M.

TITLE:

Strength of glass-reinforced plastics. Humidity, atmospheric, and high temperatures effects on the physicomachanical properties of glass-reinforced plastics

PERIODICAL: Plasticskiye massy, no. 10, 1962, 37 - 43

TEXT: The authors examined glass-reinforced plastics of БФ-2 (BF-2) phenol resin, epoxy resin or cold-setting or thermo-setting ПН-1 (PN-1) polyester resin with T₁(T₁) glass fabric, satin glass fabric no. 8/3, or glass mats with the ratio warp : filling = 1: 1.5 as a filler, produced by vacuum, press, or contact techniques, with thicknesses of 3, 6 or 10 mm. Up to 120 days the samples were kept in water so as to test its effect on them, then their bending strength was studied according to ГОСТ 4648-56 (GOST 4648-56). Results: After 90 days, the drop in bending modulus of polyester and phenol resin was ~50 - 60%, that of epoxy resin ~15 - 19%. The Card 1/3

5/191/62/000/010/007/010
B101/B186

Strength of glass reinforced ...

effect of water is explained by its penetration into microcracks, especially liable to form in resins with poor adhesion to glass. The greatest drop in bending modulus occurs within the first 30 days. By keeping the samples in air for 14 days, their bending modulus restores by ~22 - 56%. Its determination is discussed, and the method by R. E. Chambers and E. I. McGarry (ASTM Bull., no. 238, 38 (1959), ibid., no. 233, 40 (1958)) is recommended. Pretreatment of T₁ glass fabric with organosilicon compounds such as liquid or gaseous vinyl trichloro silane, polyvinyl siloxane resin, vinyl triethoxy silane, commercial PBC-9 (CVS-9) or 9-1 preparations improves its resistivity to water. Vinyl triethoxy silane may be added to polyester resin (3 - 5%) directly. Atmospheric influences were examined by keeping BF-2 and T₁ samples 20 months on the ground in the open air, but the effects were not classified under individual factors such as UV light, humidity, temperature, etc. The tensile strength and impact strength remained unchanged whereas the bending modulus showed a reduction of 11.5 - 23.4%. Short-period heating at 350 - 400°C for 1 - 2 min did not affect the strength, and in some samples the bending modulus was thereby even increased. Hence additional thermal treatment is recommended for such glass reinforced plastics as are to be used at high temperatures. Special techniques

Card 2/3

Strength of glass reinforced ...

3/191/62/000/010/007/010
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for testing glass reinforced plastics at high temperatures, making allowance for the size of specimen, heating rate, and other conditions, are deemed necessary. There are 4 figures and 5 tables.

VB

Card 3/3

SHCHERBAKOV, V.M.; MAZUR, S.V.

Adhesive strength of epoxide compounds. Plast. massy no.3:
42-44 '63. (MIRA 16:4)

(Epoxy compounds) (Adhesion)

MAZUR, T.A.

25407. VOSKRESENSKIY, V. K. i MAZUR, T.A.
Inzhenero-Geologicheskie usloviya Nekotorykh Uchastkov poyay r. Kamy u. sor.
Molotova. Uchen-Zapiski (Molotovskiy Gos. UN-T Im. Gorbkogo), T. IV, Vyp. 4, 1948,
s 89-103. -- Bibliogr: 16 Nazv.

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

WALUSZKO, Jozef, inz.; MAZUR, Tadeusz

Lighting fittings produced by the ZNAT10 Works in Kozuchow. Wlad
elektrotechn 28 no.5:133-134 My '61.

1

MAZUR, T.; RACHINSKIY, V.V.

Studying the transformation of amino acids in soil; experiments
with 2-C¹⁴-glycine. Pochvovedenie no.3:58-63 Mr '64.
(MIRA 17:4)

1. Moskovskaya ordena Lenina sel'skokhozyaystvennaya akademiya
imeni Timiryazeva.

NOTER, N.; MAZUR, T.

Effect of the addition of clay to farm manure on the process
of its decomposition. Pochvovedenie no.11:66-70 N '64
(MIRA 18:1)

KUTER, M.; CHODAN, J.; MAZUR, T.

Fertilizing value of Klodawa potassium salts. Rozz nauk roln ros.
88 no.2:211-222 '64.

KOTER, M., prof. dr; MAZUR, T.; CHODAN, J.

Amino acid sorption in the soil. Roczniki rolnicze 88 no.4:
763-771 '64.

1. Department of Agricultural Chemistry, School of Agriculture,
Olsztyn. Head: prof. dr M. Koter.

MAZUR, T.K.

Automatic lubrication of a slag car tilting mechanism. Metallurg
20 no. 5-11 Ag '65. (MIRA 18:8)

1. Cherepovetskiy metallurgicheskiy zavod.

MAZUR, V.

Building apartment houses for the people in Lvov. Gor. i sel'.
stroil. no.12:25-26 D '57. (MIRA 11:2)

1.Sekretar' L'vovskogo gorkoma Kommunisticheskoy partii Ukrainy.
(Lvov--Apartment houses)

MAZUR, V.

Using local resources in noncontractual construction. Zhil.stroi.
no.7:6-7 '58. (MIRA 12:6)

1. Sekretar' L'vovskogo obkoma Kommunisticheskoy partii Sovet-
skogo Soyuza. (Lvov--Building)

MAZUR, V.

Construction of the bridge across the Orijava River near Slavonska Pozepa.

p. 311.

(CESTE I MOSTOVI. Vol. 5, No. 8, Aug. 1957, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions (EAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

MAZUR, V.B.; POVYSHEV, A.S.

Markovo oil field. Geol. нефти i gaza 9 no.9:29-32 S '62. (MIRA 16: 2)

1. Gosudarstvennyy trest po geologicheskim izyskaniyam na nef't'v
Vostochnoy Sibiri.

(Irkutsk Province—Petroleum geology)

VASIL'YEV, V.G.; KARASEV, I.P.; MAZUR, V.B.; MIRONCHEV, Yu.P.

Prospects for finding gas in the southern part of the East
Siberian Platform. Gaz. prom. 8 no.6:1-4 '63.

(MIRA 17:8)